Science Observation Journal Teacher Resource

Grades 1-5 (ages 6-11) | File inventory and page list

Files in the download (product.zip)

Science-Observation-Journal.pdf	17 printable pages
Answer-Key.pdf	2 pages, answers in red
Teacher-Instructions.pdf	2 pages: skills, page list, teaching ideas
README.txt	how to use, file list, license summary

Pages in the main PDF

1. Journal cover
2. How scientists investigate (reference page)
3. Science safety rules (with signature lines)
4. Science vocabulary matching (key)
5. Investigation planner: question, prediction, fair test
6. Materials and procedure
7. Observation log (drawing + I see / notice / wonder) x2
8. Data table (3 trials + average)
9. Bar graph template (grid)
10. Plant growth log (14 days + line graph)
11. Weather watch (5-day log)
12. Moon journal (28 days) with phase reference
13. Name the moon phase (quiz) (key)
14. Observe with your senses (safe senses page)
15. Compare and contrast (Venn diagram)
16. Life cycle observation (4 stages)
17. My conclusion (claim, evidence, reasoning)

The following 3 pages are watermarked samples. The download contains every page above, unwatermarked.

My Science Observation Journal

Observe | Wonder | Test | Explain



SAMPLE

Scientist: _____

Class: _____

Teacher: _____

Start date: _____

Draw something you want to investigate this year.

PREVIEW - Science Observation Journal Teacher Resource - full set in the download

Name: _____ Date: _____

Observation Log

Draw exactly what you see and label it. Then write what you notice and wonder.

Date: _____ **Time:** _____ **Tool used (hand lens, ruler, scale):** _____

Labeled drawing

I see...

I notice...

I wonder...

Date: _____ **Time:** _____ **Tool used (hand lens, ruler, scale):** _____

Labeled drawing

I see...

I notice...

I wonder...

SAMPLE

Name: _____ Date: _____

Moon Journal

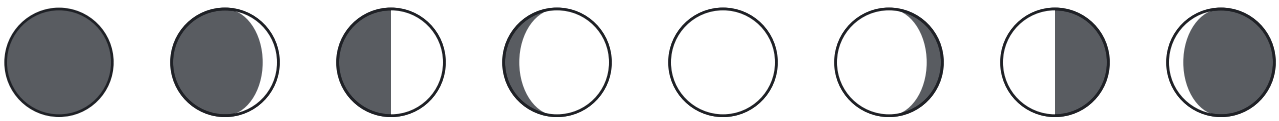
Look at the Moon each night (or check a moon calendar). Shade the part of the circle that is dark.

Month: _____ Start date: _____

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21
Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28

SAMPLE

The eight moon phases (as seen from the Northern Hemisphere)



New Moon | Waxing Crescent | First Quarter | Waxing Gibbous | Full Moon | Waning Gibbous | Third Quarter | Waning Crescent

One full cycle of phases takes about 29.5 days. In the Southern Hemisphere the lit side appears on the opposite side.